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out 66028

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SECRET CITE NPIC 4675.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR DIA FOR DIAXX-2. CO. DCOI; HQ USAF FOR AFRDR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJ: EVALUATION OF "B" TEST MISSION NUMBER 2. QUALITY SUMMARY: THE OVERALL IMAGE QUALITY IS GENERALLY

GOOD; HOWEVER, AT THE BEGINNING OF THE MISSION (APPROXIMATELY THE PSG/OC

FIRST 900 FRAMES) THE QUALITY VARIES FROM FRAME TO FRAME AND WITHINGED

IEC PAGE 2 RUEADJU 66 S E C R E T PROD EACH FRAME. THIS DEGRADATION IS SUSPECTED TO BE THE RESULT OF CONDENSATION BUILD-UP ON THE WINDOWS. AS THE MISSION PROGRESSES A WEST SIGNIFICANT IMAGE QUALITY IMPROVEMENT IS APPARENT AND BY THE END OFFAST THE MISSION THE IMAGE QUALITY IS CONSISTENTLY GOOD. THE GROUND MAS RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD AND BETTER THAN POM ANY "B" CAMERA MISSION RECEIVED FROM THE GLASS LAMP PROGRAM IN THE LAS PAST FIVE MONTHS. THEEXACT REASON FOR THIS IMPROVEMENT IN IMAGE DIA-XX4 QUALITY CANNOT BE DETERMINED; HOWEVER, IT IS SUSPECTED THAT THE SPAD RECENTLY RECONDITIONED B10 CAMERA UNIT USED FOR THIS MISSION IS THEIR PARTICLE APPROXIMATION OF ACTOR. CLOUD COVER AND HAZE OBSCURE APPROXIMATION OF ACTOR. 20 PERCENT OF THE ENTIRE MISSION. CEIX

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10, WAS USED IN TEST NUMBER 2, FLOWN ON 19 SEPTEMBER 1968. MODE V WAS USED THROUGHOUT THE MISSION. THIS MISSION WAS FLOWN IN VEHICLE NUMBER 6700 USING THE OLD CAMERA MOUNTS.

B. FILM TYPE 3400 WAS USED WITH A CAMERA EXPOSURE SETTING 1/250. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE MATERIAL APPEARS SLIGHTLY UNDEREXPOSED

PAGE 3 RUEADJU 66 S E C R E T AT THE BEGINNING OF THE MISSION AND SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION.

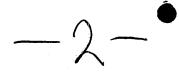
В. DENSITY AND CONTRAST: GENERALLY MEDIUM: HOWEVER, THE LATTER PART OF THE MISSION IS MORE DENSE AND OF HIGHER CONTRAST.

IMAGED DEGRADATIONS:

9R SIDE: A MINUS DENSITY ARC, 1.0 INCH LONG AND (1) 0/25 INCH WIDE IS IMAGED NEAR THE DATA CHAMBER ON ALL FRAMES OF THE MISSION.

> (2) 9L SIDE: NONE PRESENT.

BOTH SIDES: THERE ARE PLUS DENSITY LINES PARALLEL TO BOTH FILM EDGES, APPROXIMATELY 0.06 INCH



FROM THE FORMAT EDGE, IN ALL FRAMES. THE INBOARD AND OUTBOARD EDGES CONTAIN PLUS DENSITY AREAS ASSOCIATED WITH ROLLER CHATTER. EDGE FOG IS PRESENT ALONG THE OUTBOARD EDGES.

D. PHYSICAL DEGRADATIONS:

(1) A MANUFACTURER'S SPLICE IS PRESENT BETWEEN FRAMES 580/581; A HEAT SPLICE IS PRESENT BETWEEN FRAMES 1155/1156. EMULSION SCRATCHES SPACED 6.5 INCHES APART, 0.5 INCH FROM THE INBOARD EDGE ARE PRESENT FROM FRAME

PAGE 4 RUEADJU 66 S E C R E T

587 THRU FRAME 1135.

(2) 9L SIDE: AN EMULSION SCRATCH IS PRESENT IN FRAME 615. FRAMES 611 AND 1177 CONTAIN HEAT SPLICES.
E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 2429.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

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END OF MESSAGE